



Technical Service Bulletin

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Fault Codes 3545 and 1887 Caused by Water or Soap Contaminants in Exhaust System	

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Warranty Statement

The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions.

Contents

Product Affected

- All 2010 and later products equipped with aftertreatment NOx sensors.

Issue

Symptom:

- Fault Code 3545 and 1887

Root Cause

- Water and soap are entering the exhaust system when vehicles are washed, contaminating the aftertreatment NOx sensor element or cracking the hot ceramic element.

Resolution

- Extra care should be taken to prevent any water or soap from entering the exhaust system.
 - Water can act as a transport agent to redeposit foreign contaminants such as road salt or corrosion onto aftertreatment NOx sensor element.

- Soaps and power washing fluid contain chemicals known to contaminate aftertreatment NOx sensor element, possibly leading to aftertreatment NOx sensor malfunction.
- Inspect aftertreatment SCR drain hole for any blockage. See corresponding Service Manual. Reference Procedure 011-036 in Section 11.

Document History

Date	Details
2017-5-12	Module Created

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